PATENT APPLICATION

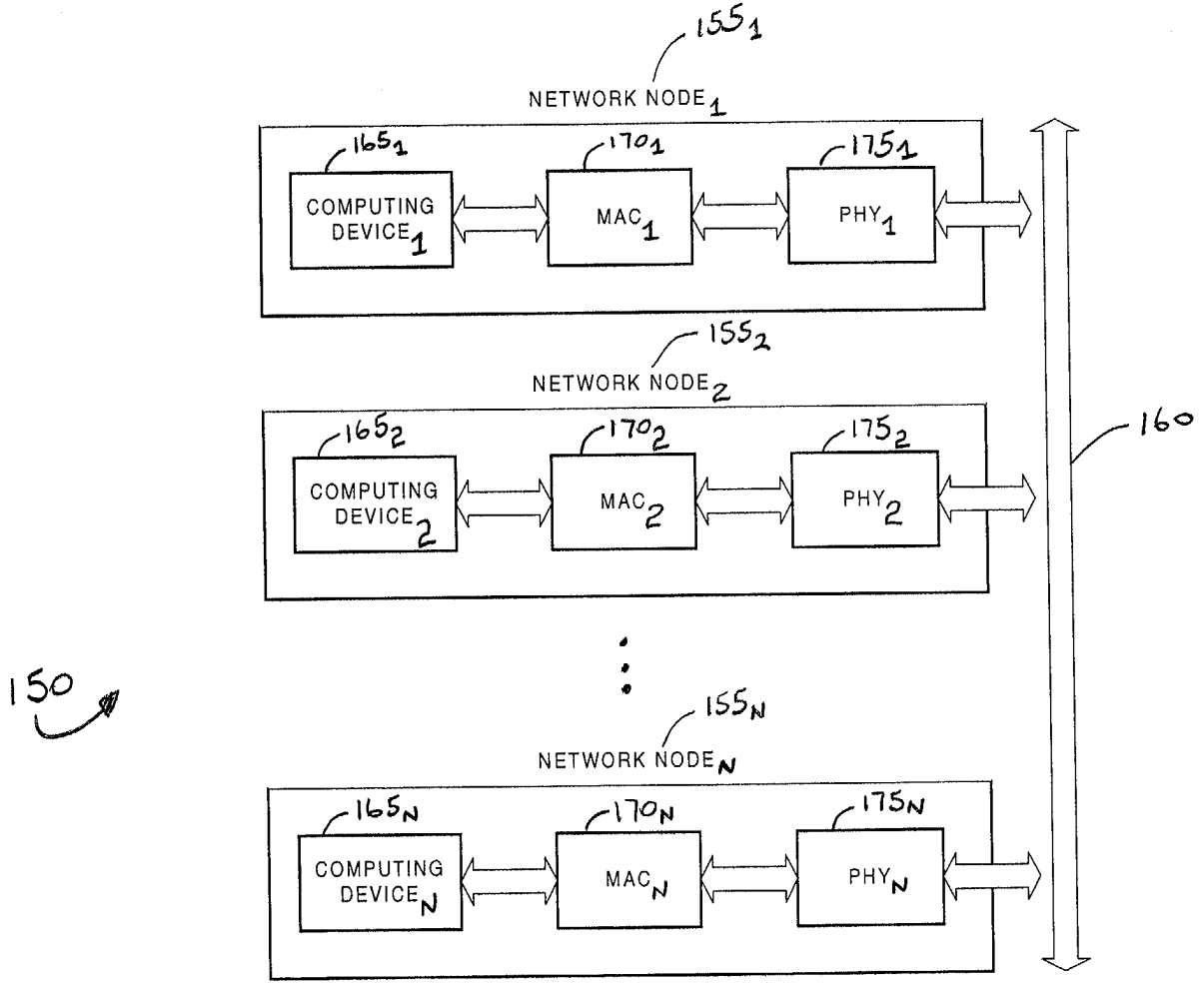


FIG. 1A

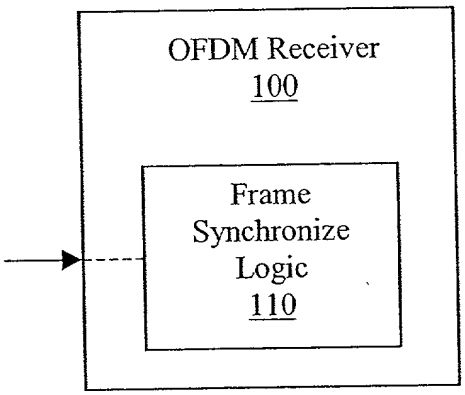


Figure 1B

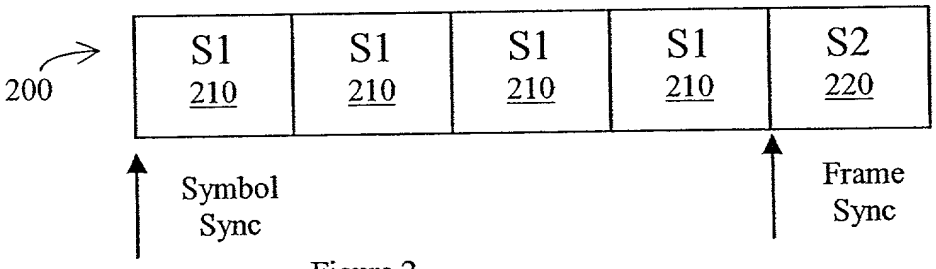
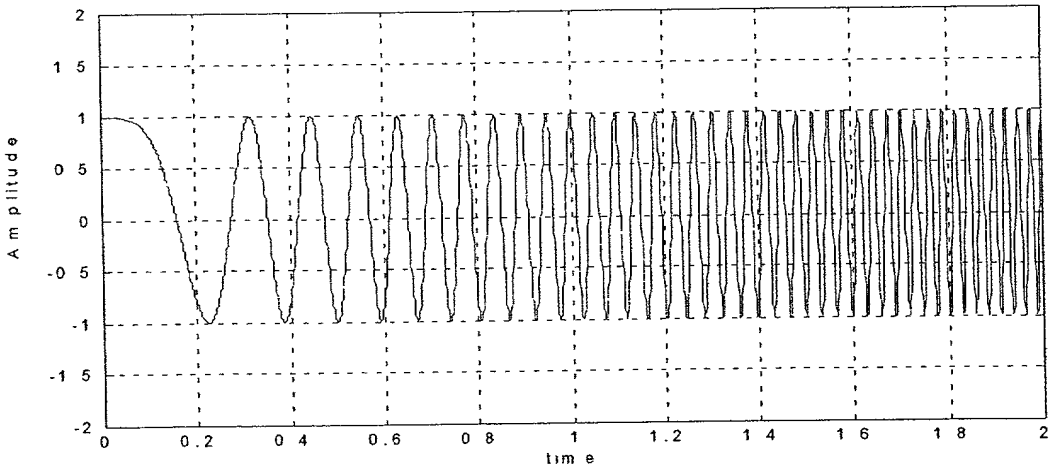
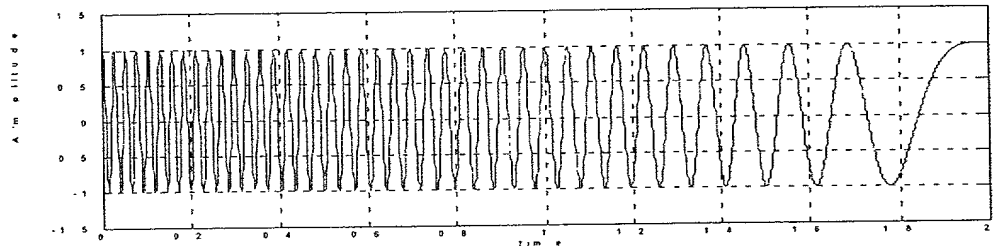


Figure 2



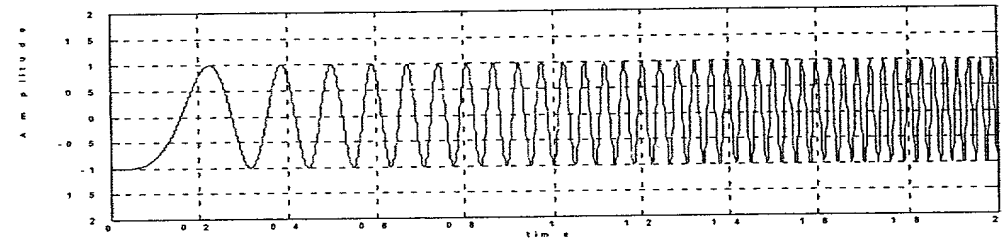
300

Figure 3



400

Figure 4A



500

Figure 5

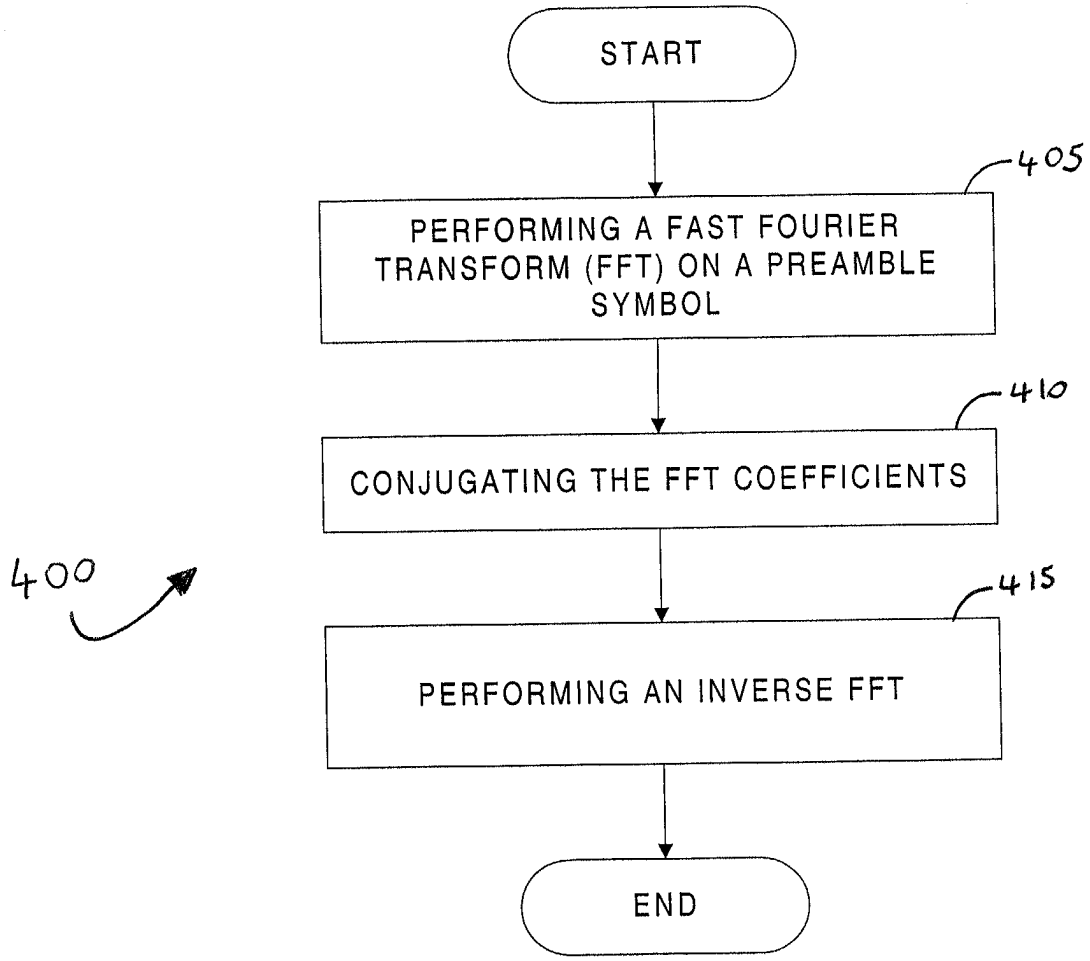

START
405
PERFORMING A FAST FOURIER TRANSFORM (FFT) ON A PREAMBLE SYMBOL
410
CONJUGATING THE FFT COEFFICIENTS
400
415
PERFORMING AN INVERSE FFT
END

FIG. 4B

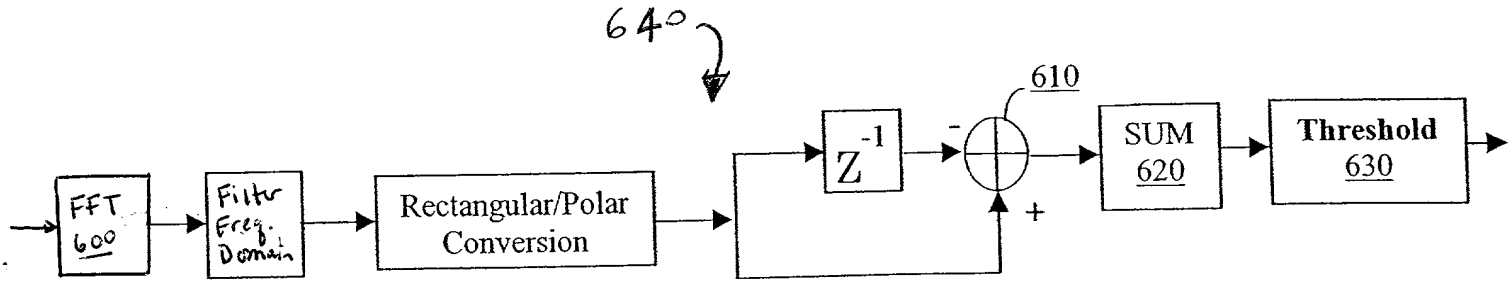


Figure 6A

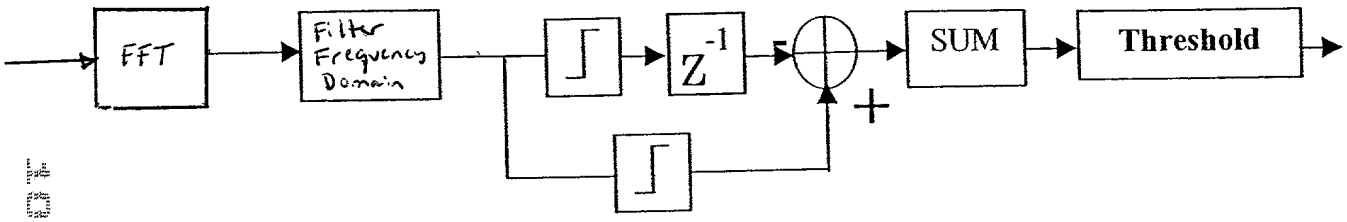


Figure 7

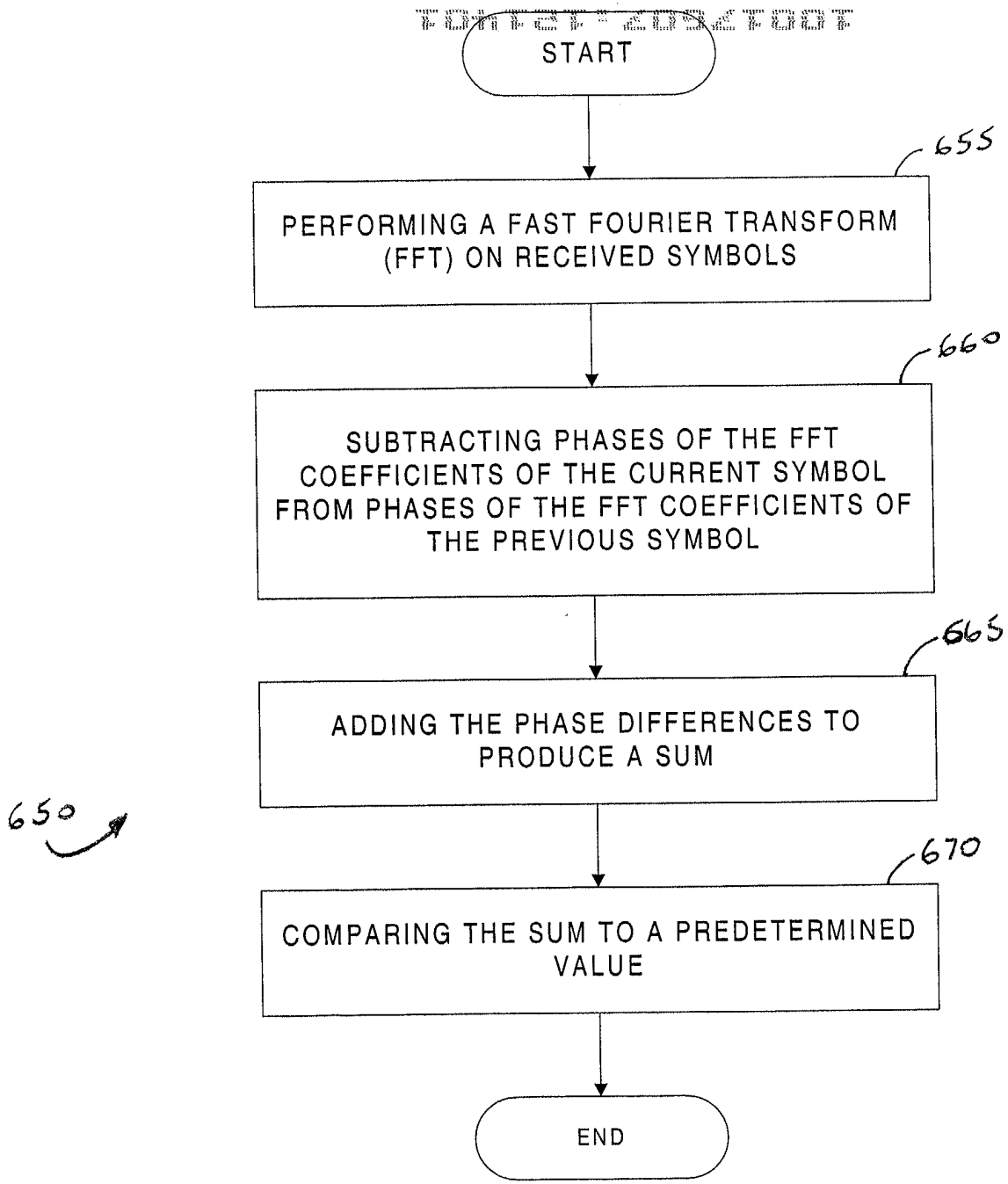

START
655
PERFORMING A FAST FOURIER TRANSFORM (FFT) ON RECEIVED SYMBOLS
660
SUBTRACTING PHASES OF THE FFT COEFFICIENTS OF THE CURRENT SYMBOL FROM PHASES OF THE FFT COEFFICIENTS OF THE PREVIOUS SYMBOL
665
ADDING THE PHASE DIFFERENCES TO PRODUCE A SUM
650
670
COMPARING THE SUM TO A PREDETERMINED VALUE
END

FIG. 6B